

## ABSTRACT

The present invention relates to a glucose sensor (2)  
5 including an electrode (32) which includes a conductive  
component and glucose dehydrogenase immobilized to the  
conductive component. As the glucose dehydrogenase, use is  
made of a protein complex including a catalytic activity subunit  
which has glucose dehydrogenase activity, and an electron  
10 mediator subunit for supplying an electron donated from the  
catalytic activity subunit to the conductive component.  
Preferably, the glucose sensor (2) is designed to continuously  
measure the glucose level or successively measure the glucose  
level a plurality of times.